

# **VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(f) and 1.27(d)) – SMALL BUSINESS CONCERN**

Application No.: not yet assigned  
 Filing Date: filed herewith  
 Applicant(s): Arogyaswami J. Paulraj et al.  
 Title: **Method and Wireless Communications Systems using Multiple Antennas and Adaptive Control for Maximizing a Communication Parameter**

I hereby declare that I am the owner of, or an official empowered to act on behalf of, the entity identified below:

Name of Concern: **Gigabit Wireless, Inc.**  
 Address of Concern: **1916-B Old Middlefield Way  
 Mountain View, CA 94043**

I hereby declare that the concern identified above qualifies as a small business concern as defined in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention identified above and described in the application for Letters Patent filed herewith.

If the rights held by the concern identified above are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

Name:		<input type="checkbox"/> Individual
Address:		<input type="checkbox"/> Small Business Concern
		<input type="checkbox"/> Nonprofit Organization

I acknowledge the duty to file, in this application for patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

## **ASSIGNEE:**

**Gigabit Wireless, Inc.  
 1916-B Old Middlefield Way  
 Mountain View, CA 94043**

Official Authorized to Act on Behalf of Assignee:

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

12/05/99  
 Date

## Declaration for Patent Application and Power of Attorney

As a below named inventor, I hereby declare that my residence, post office address, and citizenship are as stated below next to my name, and that I believe I am the original, first and sole inventor (if only one is listed) or an original, first and joint inventor (if plural names are listed) of the subject matter which is claimed and for which a patent is sought on the invention described in the attached specification entitled **Method and Wireless Communications Systems using Multiple Antennas and Adaptive Control for Maximizing a Communication Parameter.**

First or Sole Inventor:	Full name:	AROGYASWAMI J. PAULRAJ	Citizenship:	India
	Residence:	59 Peter Coutts Hill, Stanford, CA 94305		
	Postal Address:	same as above		
Second Joint Inventor (if any):	Full name:	PEROOR K. SEBASTIAN	Citizenship:	India
	Residence:	262 Higdon Avenue, Apt. #4, Mountain View, CA 94041		
	Postal Address:	Same as above		
Third Joint Inventor (if any):	Full name:	DAVID J. GESBERT	Citizenship:	France
	Residence:	180 Beatrice Street, Mountain View, CA 94041		
	Postal Address:	Same as above		
Fourth Joint Inventor (if any):	Full name:	JOSE TELLADO	Citizenship:	Spain
	Residence:	McFarland 6B, Stanford, CA 94305		
	Postal Address:	Same as above		

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

### PRIOR FOREIGN APPLICATION(S)

Country	Application Number	Date of Filing	Priority Claimed Under 35 U.S.C. §119
NONE			<input type="checkbox"/> Yes <input type="checkbox"/> No

I claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

### PRIOR U. S. APPLICATION(S)

Application No.	Filing Date	Status
NONE		<input type="checkbox"/> Provisional <input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Regular

I hereby appoint Thomas J. McFarlane, Reg. No. 39,299, Marek Alboszta, Reg. No. 39,894; Joshua D. Isenberg, Reg. No. 41,088 as my agents with full power of substitution to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith. Direct all correspondence to:

**Marek Alboszta**  
 426 Lowell Avenue  
 Palo Alto, CA 94301-3813  
 Telephone: 650-321-6630  
 Fax: 650-321-1621.

The attorney docket number for this case is: **GWI-102.**

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Title 18, §1001 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

INVENTOR SIGNATURE(S)

AROGYASWAMI J. PAULRAJ

Date

DAVID J. GESBERT

Date

PEROOR K. SEBASTIAN

Date

JOSE TELLADO

Date